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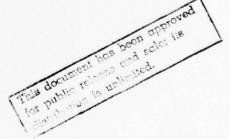


ENVIRONMENTAL DATA BANK



VOLUME I USER'S MANUAL

MARCH 1979



U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINSTRATION
Office of Environment and Energy
Washington, D.C. 20591

NOTICE

The data in the EDB was compiled through January 1979. It is recommended that the EDB be used as a general reference tool only. Information contained in the EDB should be verified when using in a significant manner.

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ABSTRACT



Documentation of the Environmental Data Bases

The Environmental Data Bank (EDB) represents an effort to compile a comprehensive listing of environmentally-oriented data within one convenient source. The data were collected with the aid of the FAA Regional Offices and include airport-specific information regarding the existence of such things as land acquisition programs or other such noise control actions in effect at each of the U.S. airports listed as of March 1979. FAA Form 1050-5 (Volumes I and II, Appendix A) summarizes those kinds of data which may be listed (if applicable) at each airport.

The individual airport data themselves are arranged in the alphabetical order of the airport's *location indicator* (LOCID), by FAA region. These data may not reflect all U.S. airports having significant environmental information, as we have only indicated those data here that have been reported to us. This EDB may be useful by providing a sense of the extent to which environmentally-related activities have affected approximately 475 of our Nation's airports.

Briefly, the EDB is organized into four individual volumes:

- Volume I User's Manual gives detailed information about the content and use of the data base.
- Volume II Systems Manual contains a description of the system and programs that support the use and management of the data within the file.
- Volume III- <u>Airport Environmental Data Manual</u> presents site-specific information for each airport included in the data base.
- Volume IV Airport Supplemental Information Manual contains supplemental data of special environmental conditions and/or problems (not provided for on Form 1050-5) for each airport included in the data base.

Consistent with the format and use of the U.S. airports' EDB, an International Environmental Data Bank (IEDB) was developed through information provided by the International Civil Aviation Organization (ICAO). This international data, as documented in the IEDB volume, is a subset of the larger environmental data file and is available separately. The IEDB volume contains airport-specific information for approximately 110 foreign airports.

It is intended that subsequent updates of all of these documents will be produced as required by changing circumstances.

JOHN E. WESLER

Acting Director of Environment and Energy

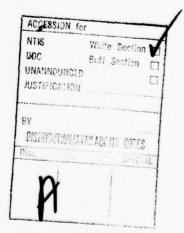


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CHAPTER I

INTRODUCTION

The Environmental Data Bank (EDB) provides the time-sharing terminal user access to a compilation of nationwide data relating to the control and impact of the aviation environment. Various items regarding state and local government action and local activities and conditions are recorded for each of approximately 475 major civil airports in the United States. The EDB enables the user to have access to and to retrieve specific information that is of interest to him or her in a convenient and rapid manner.

1.1 Purpose and Use of the EDB

The EDB is intended to assist FAA personnel and other interested individuals or groups with the means of accessing and retrieving airport-specific information regarding the existence of such things as land acquisition programs or other such noise control actions in effect at each of the airports listed.

The EDB is to serve all elements of the Agency as a central repository of aviation-related actions by providing comprehensive, environmentally-oriented data within one convenient source.

The broad and flexible capabilities of the EDB enable the user to survey developments in the field regarding the problem of aviation noise and its related problems. This is done by providing an efficient means of having access to comprehensive data on airport regulations and conditions nationwide. Each user is linked by computer terminal to a central Data Bank, consisting of descriptive attribute files for 475 major airports. In addition, Volumes III and IV contain supplementary data that augment the integrated format of information derived from Form 1050-5.

1.2 Organization of the Environmental Data Bank (EDB)

The FAA Environmental Data Bank (EDB) is organized into four individual volumes. The contents of each of the volumes are shown below:

o Volume I (User's Manual)

The first volume is the subject presented in this manual. It gives detailed information as to what data are available in the Environmental Data Bank, the significance of this data, and how the EDB user can gain access to this data.

This manual also describes the computer program capabilities, listing in detail the method for preparing the input data for the EDB, as well as the final output of the EDB. All steps and descriptions are written clearly so that users with varied levels of expertise can apply the programs.

The data will need to be periodically updated, taking into consideration changing activities and modifications to airport configurations. Section 6.3 contains detailed instructions for entering data and updating the existing Data Bank.

o Volume II (Systems Manual)

The second volume is the Systems Manual, which contains the detailed description of the system, the Data Bank, and the programs in the EDB. This volume is to be used by the systems staff for the purpose of maintaining and supporting the EDB System.

o Volume III (Airport Environmental Data Manual)

Volume III of the EDB System contains airport environmental data, such as airport maps, airport statistics, and data from FAA Form 1050-5.

o Volume IV (Airport Supplemental Information Manual)

Volume IV of the EDB System contains factual material not in computer storage regarding the airports included in the EDB. Volume IV contains textual material expanding on the coded data for each airport as shown in Volume III. State statutes and local actions, activities, and special environmental problems not provided for on Form 1050-5 are provided in detail here.

CHAPTER II

CONTENTS OF THE EDB

Information included in the EDB is separated into eight parts. These parts are: state statutes concerning aviation-related environmental activities; local government actions taken to reduce, control, and/or minimize the impact of aircraft noise; noise control activities, including local noise committees and land-use compatibility plans; local airport-use restrictions, including aircraft-type restrictions and curfews; flight operations noise-abatement procedures; special noise-sensitive areas located in the vicinity of airports; the number of noise complaints received annually by each airport; and information concerning whether or not the airport is located in an air quality maintenance area.

2. 1 State Statutes

This section contains information about the existence of state statutes concerning the following areas:

- o Noise control statutes (airport/aircraft related);
- o Airport land-use control statutes;
- o Emissions control statutes (airport/aircraft related); and
- o Other airport/aircraft-related environmental statutes.

All statutes listed in this section are those administered on the state level and are included in Volume IV, Supplemental Information Manual (not in the computer Data Bank).

2. 2 Local Government Actions

This section contains information on the existence of airport or aircraft-related local ordinances regarding:

- o Noise regulations applying to and administered at local government levels;
- o Land-use control statutes, including local zoning restrictions and special building code requirements that are aviation related;
- o Soundproofing programs by schools, hospitals, residential buildings, and office buildings; and
- o Airport actions for environmental protection, including actions taken by the airport proprietor to help minimize the impact of aircraft noise.

Items included are: land acquisition, easements, noise tax, peak pricing, utility expenditures, noise suppression equipment, physical barriers, new or extended runways which are noise related, noise-monitoring systems, and air pollution-monitoring systems.

2. 3 Noise-Control Activities

This section addresses the existence of noise control committees at a local level, as well as providing information about the existence, implementation, or rejection of an airport-noise control and land-use compatibility plan.

2.4 Local Airport-Use Restrictions

This section concerns the existence of restrictions imposed on aircraft operations by the airport proprietor for environmental reasons. These restrictions are categorized by aircraft type or weight; curfews; non-FAR 36 aircraft; ground operation restrictions; and limitations on the number of operations for noise-abatement purposes.

2.5 Flight Operations - Noise-Abatement Procedures

This section contains information about the special noise-abatement procedures followed at individual airports. The procedures are separated into the following types: reduced-thrust approach procedures; specific glide slope intercept altitudes preferential runway, approach, and departure procedures; rotational runway systems; takeoff and reverse-thrust reduction procedures; displaced thresholds (noise related) and flight training restrictions including touch-and-go operations, and time or day(s)-of-week restrictions.

2. 6 Special Noise-Sensitive Areas Near Airport

This section identifies those areas located in the airport vicinity that are or have the potential to be adversely affected by aircraft noise as a result of the airport operations. These noise-sensitive areas are divided into the following categories: schools, hospitals, residential areas, historic sites or national parks, religious structures or sites, public gathering places, recreational facilities, and motels and resorts.

2.7 Number of Noise Complaints Received Annually

This section shows the approximate number of noise complaints received by an individual airport annually.

2.8 Is Airport Located in an Air Quality Maintenance Area?

This section shows whether or not airport is located in an air quality maintenance area and, if so, identifies which area, with its official designation.

CHAPTER III

DATA INPUT

3.1 Form 1050-5

The principal form used in acquiring data for the EDB is FAA Form 1050-5 (see Appendix A). This form lists pertinent subject areas and items of information required in a layout which can be easily recorded and coded in a convenient manner. The form provides a consistent, uniform, and manageable means of acquiring input for the Data Bank. The input, in addition to building a Data Bank, establishes a current and ongoing inventory of regional environmental activities and provides useful tools for the agencies' environmental information uses.

The format for FAA Form 1050-5 is set up in such a manner so that, once completed, responses are easily coded and entered into a computer. In effect, responses amount to either a YES or NO for each item. If the listed item is not applicable, or if for some reason information is not available, the item is left uncircled.

For example, to code data, the first step is to complete the field data sheets as shown (see sample FAA Form 1050-5), then code the data onto a COBOL coding sheet as shown on Figure 1 on the following page.

Listed below are the actual procedures used by persons in the field in coding the information, as well as an explanation of each part of the form:

o Page 1 - Headings and Parts 1, 2, and 3

Headings: Enter data and serial sequence number of form.

Region: Enter FAA Region.

Airport: Enter name of airport followed by associated city or township.

LOCID: Enter the airport's official location identification.

Part 1 - State Statutes: This section identifies pertinent aviation environmental-related state statutes (only those restrictions or regulations administered at the state level).

ALTOOLE NEW Orleans International Manuelle UNDER EACH PART, PLEASE CIRCLE THE APPROPRIATE RESPONSE LETTER(s) ON NUMBER(s)

STATE STATUTES

Noise Control (airport/aircraft related)

Emissions Control (airport/aircraft related) Airport Land Use Control

Other Environmental Protection (airport/aircraft related) o.

LOCAL GOVERNMENT ACTIONS PART 2

Noise Regulations (airport/aircraft related) A.

Land Use Control (noise related)

Zoning

Building Codes (noise related)

If a building code requires soundproofing of buildings in airport vicinity please indicate below:

g) Schools

b) Hospitals, nursing homes or similar facilities

C) Houses or apartment buildings

d) Office buildings

6A

e) Other

Soundproofing Programs

By schools

By hospitals, nursing homes, or similar facilities

By homes, apartment buildings

Office buildings

For any of these, if government financial assistance is provided, please indicate which below:

a) Federal

b) State

Airport Actions for Environmental Protection D.

If financial aid is provided please indicate which type below:

0. Land acquisition

b) State assistance

a) Federal assistance

Easements on property surrounding airport

If financial aid is provided please indicate which type below:

A) Federal assistance

b) State assistance

Noise tax or fee

Peak pricing

Utility expenditures/limitations

Suppressing equipment

Physical barriers, landscaping (noise related)

New or extended runways (noise related)

Noise monitoring system

Air pollution monitoring system

NOISE CONTROL ACTIVITIES PART 3

Continuing Noise Committee at Local Level

Airport Noise Control and Land Use Compatibility Plan Completed

Noise control only

Land use compatibility only

Airport Noise Control and Land Use Comparibility Plan Proposed or Underway

interest in Participating in a Noise Control and Land Use Compatibility Plan 6

Have Rejected an Opportunity to Participate in a Noise Control and Land Use Compatibility Plan

Other Noise Control Activities Dissimilar to Any of the Above

LOCAL AIRPORT USE RESTRICTIONS PART 4

Aircraft Type or Weight Restrictions

- All Jet
- Large air carrier type jet (75,000 lbs or over)
- Business jet of any type
- Multi-engine (piston, large)
- Single-engine (piston, 1000 lbs or over)
- CAB certificated air carrier
- 12,500 lbs gross weight (or over)
- 30,000 lbs gross weight (or over)
- Helicopter
- Other aircraft dissimilar to any of the above
- Curfew (If applicable, please specify which period most closely matches) ë
- A. 2200 0600
- 2200 0700
- 2300 0600

2200 - 0800

- 2300 0700
- 2300 0800
- 2400 0600
- 2400 0700

2400 - 0800

Other period(s) dissimilar to any of the above

Please indicate below the type of aircraft affected by the curfews:

- Aircraft Affected
- Jet aircraft only
- All aircraft
- Other

Non-FAR 36 Restrictions ပ

- Exceptions (if applicable, please specify below)
- (a) Cessna citation
- (b) Other certain specified aircraft with "low" noise level

Ground Operation Restrictions

Ġ

- Location of engine runup maintenance
- Time of engine runup maintenance
- Preferential taxiways
- Taxiing thrust restriction
- Towing requirement
- Other restrictions dissimilar to any of the above
- Total Number of Operations Limitations for Noise Abatement Purposes E.
- 1. Year limits

Month 11mits

- Day limits
- Hour limits

FLIGHT OPERATIONS - NOISE ABATEMENT PROCEDURES PART 5

- Reduced Thrust Approach
- 1. Steeper angle glide slope
- Reduced flaps
- Minimum flaps
- Decelerating
- S Profile descent program
- 6. Other
- B. Glide Slope Intercept Altitude
- Preferential Operations
 - (L) Runways
- 2. Approach tracks
- 3. Departure tracks
- Rotational Runway System
- Maximum (safe) Climb on Takeoff E.
- Takeoff These Seduction

Reverse Thrust Reduction

- Displaced Thresholds (noise related)
- 1. For takeoffs
- 2) For landings
- (I.) Flight Training Restrictions
- 1. Touch and go operations
- Time period restriction
- Other Procedures or Restrictions Dissimilar to Any of the Above Day(s) of week restriction ÷

SPECIAL NOISE SENSITIVE AREAS NEAR AIRPORT

- Schools
- Hospitals, Nursing Homes or Similar Facilities
- Residential Areas **③**
- Historic Sites, National Park or Forest
- Religious Structures or Sites
- Concert Hall(s) or Public Gathering Place(s)
- Recreation Facilities
- Hotels, Motels, Resorts
- Other Areas Dissimilar to Any of the Above
- NUMBER OF NOISE COMPLAINTS RECEIVED ANNUALLY (approx.)
- Less than 5
- 5 10
- 10 25
- 25 50
- 50 100
- 100 200 (E)
- Over 200
- IS AIRPORT LOCATED IN AN AIR QUALITY MAINTENANCE AREA?

PAGE CARD FORM # 16 Form 1050-5 Part Number Followed By Circled Subset(s) For Each 4 Columns Block H 9 99 PUNCHING INSTRUCTIONS COBOL Coding Form 79 GRAPHIC SI 542 503 Figure 1A. DATE S MSY 185 W3A LO- RE-CID #GION PROGRAM PROGRAMMER

7

* Card Number - 1 or 2.

Part 2 - Local Government Actions: Circle only those items which are administered at the local level and which are airport/aircraft related. (Add any supplemental information on back of sheet.)

A, B(1,2-a,b,c,d,e), C(1,2,3,4,5-a,b), D(0-a,b;1-a,b;2,3,4,5,6,7,8,9).

Part 3 - Noise-Control Activities: Circle only those items pertaining to local-level activities.

A, B(1,2), C, D, E, F.

o Page 2 - Part 4

Part 4 - Local Airport-Use Restrictions: Circle items pertaining to local airport-use restrictions. Under Part 4B, if there is more than one curfew time at a particular airport, written comment will be made attached to the form. This same procedure will be followed in Part 4B-2 if different curfews affect different aircraft types.

A(0 through 9), B(1-a through j, 2-a through c), C(1-a,b), D(1 through 6), E(1 through 4).

- o Page 3 Parts 5, 6, 7, and 8
 - Part 5 Flight Operations Noise-Abatement Procedures:
 Circle items pertaining to flight operations that
 relate to noise-abatement procedures. Item Part 5B
 refers to an intercept altitude for noise-abatement
 purposes.

A(1 through 6), B, C(1 through 3), D, E, F, G, H(1,2), I(1 through 3), J.

Part 6
- Special Noise-Sensitive Areas Near Airports: An
''area near the airport' means any special site which
is or has the potential to be, adversely impacted by
aircraft noise in the vicinity of the airport. Circle
items pertaining to noise-sensitive areas shown by
A through I.

- Part 7 Number of Noise Complaints Received Annually: Circle representative group of numbers shown by A through G.
- Part 8 Is Airport Located in an Air Quality Maintenance Area? Circle A. (Yes) or B. (No).

Enter any remarks or cross reference and the name of person preparing the form.

3. 2 Understanding the Code Structure of the EDB

The EDB uses the above use codes to facilitate uniform entry of data. The full text related to each code is maintained in a separate decode file (Appendix B). The following categories of codes are used, with examples shown for each category:

Data Bank Code Categories

Regional Codes	Airport Codes	Typical Use Codes
(Abbreviation Code)	(LOCID Code)	(Form 1050-5 Use Codes)
ANE	BOS	1A, 1B, 1C, 2A, 2B1, etc.
	PVD	1A, 1C, 2B2B, 2C2, 6D, etc.
	BDL	1B, 1C, 2A, 2C5B, 3B2, etc.
	PWM	1B, 2A, 2B2A, 2C4, etc.
	etc.	etc.
AEA	LGA	
	DCA	
	JFK	
	EWR	

3. 3 COBOL Coding Process

Each entry on the Form 1050-5 is preceded by a combination of letters and numbers in outline form. These combinations are the codes in the file. For example, if an airport uses touch-and-go flight training operations, the code "511" will appear in the data for that airport. This combination means the person filling out Form 1050-5 for this airport circled:

- Part (5.) Flight Operations Noise-Abatement Procedures
 - (I.) Flight Training Restrictions
 - 1.) Touch-and-go Operations

If the code "511" does not appear in the file for an airport, then no such airportuse restriction exists for that airport. In almost all cases an acceptable code indicates the existence of a particular type of airport use, as illustrated above. In Part 3 (B-E) valid codes represent the current status of land-use compability plans.

Data for the COBOL coding sheet is entered in the following manner:

- (a) Airport LOCID (positions 1-3);
- (b) ''1" or ''2" (position 4, showing either single line or double line entries);
- (c) Region Code (positions 5-7);
- (d) Airport Use Codes, each four positions from Column 8 (up to 18 codes may be specified); and
- (e) Column 80 must be blank.

In the event of more than 18 use codes, enter a second line, repeating the airport ID and the region, but enter "2" in Column 4.

CHAPTER IV

OUTPUTS OF THE EDB

There is a major report program in the EDB--the USE8 program. The capabilities of this program and the reports produced by it are discussed below:

4.1 USE8 Report(EDB Print Program)

Program USE8 produces the report of airport-use information by LOCID (Airport ID Code) within region. For each airport, it shows the FAA region, airport location code, airport name, and each use code, as well as textual descriptions of those codes. A sample report is shown in Figure 2.

This program may be used interactively or in the batch mode. When run interactively, the report is printed on the terminal. When run in the batch mode, the report is printed at the computer center. When a lengthy report is called for, the batch mode is recommended.

4.2 Graphic Displays and Airport Statistics

In addition to the above reports, the following additional data has been compiled manually:

- o Graphic Displays
- o Airport Statistics

This information is contained in Volume III and includes the following information:

Graphic Displays

A graphic display of each EDB airport and the surrounding environment within a 10-mile radius is provided.

Geographic features noted in each graphic display include runway orientations, major highways, and bodies of water.

Figure 2A. Sample Computer Terminal Session

```
welcome to the bcs network
your access port is v! 6a
select desired service: tso
```

REGION: AAL

6C 6G READY

MAINSTREAM-TSO GYRNUS : G" IUNI faa130 Y.M73z2zG :RU:S VI,IR IKJ53020A ENTER LOGON logon faa130 ENTER CURRENT PASSWORD FOR FAA130-ENTER ACCOUNT NUMBER trans ENTER PROCEDURE NAME -Interact
FAA130 LOGON IN PROGRESS AT 15:08:07 ON AUGUST 24, 1978
*** WELCOME TO THE MAINSTREAM- TSO SYSTEM *** POR THE LASTEST MAINSTREAM-TSO NEWSFLASH(ES) PLEASE LIST THE FOLLOWING DATA SET(S) SNUM: 'SYS1.FLASH238' - JES2/4.1 STATUS - USER UPDATE 'SYS1.FLASH236' - NEW COMTEN SOFTWARE ACCESS MESSAGES 'SYS1.FLASH233' - IDMS/DATA DICTIONARY RELEASE 1.2 SYS1.FLASH225' - PRERELEASE OF SAS PROCEDURES NO "ACTIVE" DATA SETS FILE (SYSPROC) IS NOW ALLOCATED TO CLIST PEADY
ex use8
DO YOU WANT TO RUN BATCH OR INTERACTIVE (B/I)?...i

LOCID: ANC

SCHOOLS LOCATED IN AIRPORT VACINITY
RESIDENTIAL AREAS LOCATED IN AIRPORT VACINITY
RECREATION FACILITIES LOCATED IN AIRPORT VACINITY
25 TO 50 NOISE COMPLAINTS |

AIRPORT NAME: ANCHORAGE INTERNATIONAL 2B1 LOCAL ZONING ORDINANCES (AIRPORT RELATED) LOCAL ZONING ORDINANCES (AIRPORT RELATED)

NOISE RELATED PHYSICAL BARRIERS AND/OR LANDSCAPING

NOISE RELATED NEW OR EXTENDED RUNWAYS

AIRPORT NOISE CONTROL AND LAND USE COMPATIBILITY PLAN COMPLETED

PREFERENTIAL RUNWAY USEAGE FOR NOISE ABATEMENT PURPOSES

PREFERENTIAL DEPARTURE TRACKS FOR NOISE ABATEMENT PURPOSES

SCHOOLS LOCATED IN AIRPORT VACINITY

HOSPITALS / NURSING HOMES OR SIMILAR FACILITIES LOCATED IN AIRPORT VACINITY

RESIDENTIAL AREAS LOCATED IN AIRPORT VACINITY

RELIGIOUS STRUCTURES OR SITES LOCATED IN AIRPORT VACINITY

RECREATION FACILITIES LOCATED IN AIRPORT VACINITY

HOTELS / MOTELS OR RESORTS LOCATED IN AIRPORT VACINITY

50 TO 100 NOISE COMPLAINTS RECEIVED ANNUALLY 2D6 2D7 3B 5C1 5C3 6A 6B 6C 6E 6G 6 H REGION: AAL LOCID: CDV AIRPORT NAME: CORDOVA-MILE 13 FIELD LESS THAN 5 NOISE COMPLAINTS RECEIVED ANNVALLY REGION: AAL AIRPORT NAME: FAIRBANKS-INTERNATIONAL 2B1 LOCAL ZONING ORDINANCES (AIRPORT RELATED)

Figure 2B. Sample Computer Output of the USE8 Program.

A. Batch Mode

	REGIUN: AAL	LOCID: AND	AIRPORT	NAME:	ANCHUKAGE	INTERNATIONA
261	LOCAL ZONING DEL	INANCES TATRPORT REL	ATED)			
206	NOISE RELATED PE	YSICAL BARRIERS ANU/	UR LANDSCAPING			
207	NUISE RELATED NE	H UR EXTENDED RUNNAY	2			
36	AIRPORT NUISE LE	NTROL AND LAND USE CO	UMPATIBILITY PI	LAN CU	MPLETED	
5C1	PREFERENTIAL RUN	HAY USEAGE FOR NOISE	ABATEMENT PURI	POSES		
503	PREFERENTIAL DEF	ARTURE TRACKS FOR NO.	ISE ABATEMENT I	PURPOS	ES	
64	SCHOOLS LOCATED	IN AIRPORT VILINITY				
68	HUSPITALS / NURS	ING HOMES OK SIMILAR	FACILITIES LO	CATED	IN AIRPORT	VICINITY
60	RESIDENTIAL AREA	S LOCATED IN AIRPORT	VICINITY			
6E	RELIGIOUS STRUCT	URES DR SITES LOCATES	IN AIRPORT V	TINIDI	Y	
66	RECREATION FACIL	ITIES LOCATED IN AIR	PORT VICINITY			
ьн	HOTELS / MOTELS	DR RESORTS LUCATED 11	N AIRPORT VICIO	YTIN		
7E	50 TO 100 NOISE	COMPLAINTS RECEIVED	ANNUALLY			

B. Terminal Output

	DECTOR AND	LIN'ID: PMC	ALEPOPT NAME: HICHOPHISE INTERNATIONAL	
281 206 207 38 503 68 66 66 66 67	LOCAL ZONING OPT NUISE PELATED HE NUISE RELATED NE AITPORT HOISE CO PPEFERENTIAL FUE SCHOOLS LUCATED MOSPITALS / NURS PESIDENTIAL HPE PELIGIOUS STPUCT PECRENTION FACIL HOTELS / MOTELS SO TO 100 HOISE	DIMMICES HIPPOPT PELM ANSICHE PHPPIEPS HIDATION OF EXTENDED PUBLICASION OF EXTENDED PUBLICASION OF EXPENDED PROPOSE OF THE PROPOSE OF THE PROPOSE OF THE PROPOSE OF THE PUBLICASION OF PESOPTS FOR THE PUBLICASION OF THE PUBLICASION	TED' P LANDSCAPING P LANDSCAPING P LANDSCAPING P LANDSCAPING MERTERENT PUPPUSES SE ABATEMENT PUPPUSES FACILITIES LOCATED IN HIPPOPT UNCINITY UNCINITY IN HIPPOPT UNCINITY ORT UNCINITY ATPORT' UNCINITY	
2H	PEGION: MHL		ATRPORT NAME: COPDOTH-MILE 13 FIELD	
281 64 65	REGION: HAL LOCAL CONTING OPE SCHOOLS LOCATED PESIDENTIAL APER		VHCHITY	••••
20 .	25 TO 50 HOISE (COMPLHINTS PELETIMED HIT	HIHLLY	

Population concentrations are plotted, and areas of potential noise impact are indicated by cross-hatching in areas where runway approach and departure paths overfly these populated areas.

Figure 3 demonstrates this presentation.

Airport Statistics

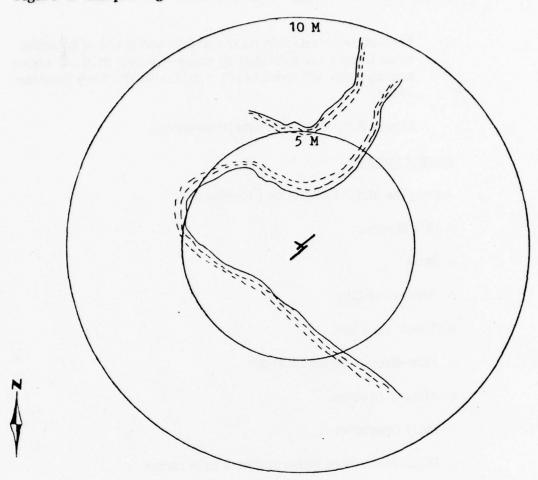
Among the airport statistics provided are:

- o Site Number
- o State
- o Associated City
- o Tower on Field
- o Fire-Rescue Squad on Field
- o Airport Acreage
- o Daily Operation
- o Population within either a 2 or 5 mile radius
- o Exposure Index
- o Fixed Base Operator
- o Type of Operations/Aircraft Type
- o Elevation
- o Latitude and Longitude
- o Runway Lengths/Pavement Type

4.3 Supplemental Information

The supplemental information consists of factual material about the airports that is not available in computer storage. This information is an

Figure 3. Sample Page of Volume III Graphics and Airport Statistics



AIRPORT STATISTICS

Site No. - 50034

State - AK

Associated City - Anchorage

Tower on Field - Yes

Fire-Rescue Squad on Field - Yes-E

Airport Acreage - 2,378

Daily Operation - 219.2

Population within 5 Miles - 49,966

Exposure Index - 10.9525

Fixed Base Operator - Yes

Type of Operations/Aircraft Type

01/A, B, C, D, E

Elevation - 124

Latitude - 61-10

Longitude - 149-59

Runway Lengths/Pavement Type - 6L-24R/10600(ASPH)

13-31/4740(ASPH), 6R-24L/10897(ASPH)

expansion of the coded data for airports contained in Volume III. State statutes, local action activities, and special environmental problems not provided for on Form 1050-5 are detailed. This information is contained in Volume IV.

CHAPTER V

SYSTEM ACCESS

Data and software to generate FDB reports may be accessed via any computer terminal using the IBM's Time-Sharing Option (TSO) through Boeing Computer Services (BCS) in Washington, D. C. Complete TSO procedure manuals are available to users from BCS. The following is a description of the basic procedures used under BCS-TSO.

5.1 Terminal Start Up and Sign On

- a. Power the terminal on, push the telephone button to TALK, and dial the assigned computer access telephone number. When the answer tone is received, press the DATA button on the telephone and put the receiver back on the telephone. Then return carriage.
- b. When the system responds asking for the service desired, type TSO and a carriage return.
- c. When the system responds with MAINSTREAM-TSO, type LOGON and a carriage return.
- d. The system will then ask for a user's ID; type assigned ID and a carriage return.
- e. The system will then ask for a current password; type valid password and a carriage return.
- f. The system will then ask for the user's account number; type the assigned account number and a carriage return.
- g. At this point, the system will ask for a procedure name. The user may respond by typing INTERACT (or BATCH) and a carriage return, depending on what the user wants to do.

The system will now indicate that the user is ready to print reports from the EDB. It will then ask for a command. The response to this command will depend on which application part of the EDB the user wishes to run. Please refer to the next section on Application Operating Procedures for details.

5. 2 Terminal Logoff

After the user has finished with the application processing, the user should enter the command LOGOFF. If the user wants to interrupt processing, the BREAK key should be hit first, after which the system responds with READY. The user can then type LOGOFF. The system will confirm that the user has been logged off. The user should power-off the terminal when finished.

5. 3 Application Operating Procedures

Before the user can run any of the applications, the user must access the computer as described in the section on System Access. When the user is finished, he should logoff as described in the same section. Instructions for the operation of the application components of the EDB are described below.

5. 3. 1 Running the USE8 Reports (EDB Print Program)

Program USE8 produces the report of airport use restrictions by LOCID within region. This program may be run in either a batch or an interactive mode. Invoking the USE8 Program (via the command: EXEC USE8) immediately invokes the USE8 CLIST Program, which offers the user a choice of operating in batch or interactive mode. If the user selects interactive mode, the USE8 Program is compiled (each time) and run, display commands are executed, and the report is printed at the terminal. If batch mode is selected, the user is asked for the number of copies of the report to be printed, and for the run priority desired. The program is then compiled and executed.

- a. After logging on the system with the user ID, password, and account number, type in INTERACT. The system will now indicate that the user is logged on, and it will then ask for a command.
- b. When BCS-TSO responds READY, enter EXEC USE8. The user will then be prompted to see if BATCH or INTERACTIVE execution is desired. If INTERACTIVE is chosen, the program will begin to execute at the terminal. If BATCH is chosen, the user will be prompted for the number of copies that are needed and the priority of the run, which results in a complete report. For a specific airport or region data, use the UPDATE Program in Chapter IV.

- c. If there are errors due to invalid codes and/or positions for LOCID or use codes, the system will respond with appropriate error messages. The data in Step a above should be re-entered with the corrections.
- d. The system will now produce the reports.

5. 3. 2 Hard Copy Output Procedures

When USE8 is run in the batch mode, the report is printed at the computer site. Running in the batch mode is less expensive than running in the interactive mode.

When running in a batch mode, the system will ask how many copies of the report will be required. This number should be entered, followed by a carriage return.

The user will then be asked for the priority, and the user should respond with a number from 1 to 12. The higher the priority, the higher the cost. Refer to the BCS cost schedule for the costs of these priorities. The user also has an option to specify that the report be prepared on unlined white paper or green lined paper. The user should make arrangements for pick-up of the hard copy from the computer center. Internal FAA procedures should be followed in doing this.

CHAPTER VI

UPDATE OF THE DATA BANK

New data may be added to the EDB, and the existing data may be updated. The EDB system features a conversational update program. This update program talks to a user by name and carries on an intelligent conversation, while adding and deleting entire airports, and adding, deleting, and changing individual use codes. Procedures to perform the update are given below.

6.1 Source Document Control

The data in the EDB should be supported by the source documents. It is recommended that source documents be filed by airport LOCID. Whenever the information on the source document is entered into the system (either for the first time or when being changed), the corresponding action should be annotated on the source document, indicating the operator's initials, date of action, and the action. This will provide an audit trail and insure that the data is accurate.

6. 2 Data Edits

The UPDATE performs edits against the data entered into the system. It validates the region code, the airport code (LOCID), and the restriction codes. If invalid, it responds with the appropriate messages. The section on the Data Entry and Update Operation elaborates further the edit process.

6.3 Data Entry and Update Operation

The user logs in as described earlier. When the system responds with READY, the user should then enter EXEC UPDATE, at which time the update program will be initiated.

To protect the files from inaccurate updating, the system will request the user to enter valid initials. The project manager validates a new valid name if required. It will then ask if an introduction to the system is necessary. If the user replies YES, the system will type several lines of explanatory material. The system will then ask if the user wishes verbose or terse (v/t) communications (i. e., if the user wishes the system to respond with full or abbreviated commands). While the abbreviations are clear, verbose is recommended for less experienced users.

At this point, the program will prompt the user for a region. Note that the program is not asking the user to add or update airport data yet. The reason for this is that the program can quickly find out if any given airport (combination of region and LOCID) exists in the Data Bank. If an airport already exists, the user may only update or delete it. If the airport does not exist, the user can add the new airport to the system.

At the same time, the user can also enter a command instead of a region code. The commands are:

- o LIST A powerful command that will display any given airport and all of its associated airport use codes.
- o DELETE Deletes an airport from the Data Bank
- o TERSE Brief prompts
- o VERBOSE Longer prompts

If a valid region is entered, the program asks for an airport location identification code (LOCID). When the LOCID is entered, the program randomly searches the EDB Data Bank file for that LOCID. If it is not found, the program asks the user if the record is to be added. If the user responds NO, the program exits from the LOCID and asks for a new region. If the user responds YES, the program allows the new record to be entered and added to the EDB Data Bank. The user enters at least one valid use code and as many as 36 codes for the airport being added. When the user has entered all of the use codes desired, the user enters carriage return (CR) without typing anything, or the user may enter END. The program then exits from that LOCID and asks for a new region.

If, instead of entering a new LOCID as above, the user enters one that is in the Data Bank, the program asks if the user wishes to update the existing record. The user may then add, delete, or change one or more existing airport use codes by entering a new code. The program will first compare the new use code with the Decode file to insure that it is a valid code. If it is invalid, the program will so indicate and ask for another use code.

If a valid code is entered, the program compares it to the existing codes in the record. If the new code is not found, the program asks the user if the new code is to be added. If the user responds YES, the code is added to the record and the program asks for a new use code. If the user responds NO, the program exits and asks for a new use code.

If a valid use code is entered and the code is found in the record, the program asks the user to enter a replacement code (i. e., the program assumes that the existing code is to be replaced by a new code). The user then enters the use code to be substituted for the existing one. The program performs the substitution and asks for another use code. If the existing use code is to be deleted rather than replaced, the user enters a carriage return when the program asks for a replacement code. The program then deletes the existing code, exits, and asks for a new use code.

The program will continue (after each addition, replacement, or deletion) to ask for new use codes until the user responds by entering the END command. The program then indicates that the update of the present record is complete and asks for a region. The process may then be repeated for another airport. To exit from the program the user should hit the BREAK key when the program asks for a region.

The program recognizes the key words END, EXIT, and STOP. END means completion of the current operation. If entered when adding new airport data, this means that all use codes have been entered (equivalent to CR). If END is entered while updating an existing airport, it means that the user does not wish to add, change, or delete any more use codes. EXIT means cancellation of the current operation. If used while adding use codes, it would erase all the codes entered. If used in an update of use codes, it would mean not to add, update, or delete the last use code entered. STOP, when entered in response to a region prompt, means all work for this session has been completed. The BREAK key should not be used for this purpose.

6.4 Future Updating Procedures

All future updating of the EDB information will be accomplished and coordinated <u>only</u> through the FAA Office of Environment and Energy by using Form 1050-5. For all updating of the EDB information, Form 1050-5 shall be completed in the same manner described in the previous sections of this manual with an entry of ''UPDATE'' placed on the top of Form 1050-5 followed by the date and the person's name who enters the new information.

APPENDIX A

FORM 1050-5

Airport

mot Sun

LOCID

A. Noise Control (airport/aircraft related) B. Airport Land Use Control C. Emissions Control (airport/aircraft related) D. Other Environmental Protection (airport/aircraft related) D. Other Environmental Protection (airport/aircraft related) A. Noise Regulations (airport/aircraft related) B. Land Use Control (noise related) 1. Zoning 2. Building Codes (noise related) If a building code requires soundproofing of buildings in airport vicinity please indicate below: B. Schools C) Houses or apartment buildings d) Office buildings C. Soundproofing Programs 1. By schools 2. By hospitals, nursing homes, or similar facilities C. Soundproofing Programs 1. By schools 3. By hospitals, nursing homes, or similar facilities 4. Office buildings 5. Other	MBER(s)	1. Easements on property surrounding airport	. If financial aid is provided please indicate which type below:	R) Federal assistance		D) State assistance	2. Noise tax or fee	3. Peak pricing	4. Utility expenditures/limitations	5. Suppressing equipment	6. Physical barriers, landscaping (noise related)	7. New or extended runways (noise related)	8. Noise monitoring system	9. Air pollution monitoring system	PART 3 NOISE CONTROL ACTIVITIES	A. Continuing Noise Committee at Local Level	B. Airport Noise Control and Land Use Compatibility Plan Completed	1. Noise control only	2. Land use compatibility only	C. Atrport Noise Control and Land Use Compatibility Plan	 D. Interest in Participating in a Noise Control and Land Use Compatibility Plan	E. Have Rejected an Opportunity to Participate in a Noise Control and Land Use Connetitiity Plan	Contract Marine Marinetter Management of the About
	H PART, PLEASE CIRCLE THE APPRUPRIATE RESPONSE LETTER(#) OR	SIAIE STATUTES	Notae Control And Inches	ALTPOIL LANG USE CONTION	Emissions Control (airport/aircraft related)	Other Environmental Protection (airport/aircraft related)	LOCAL GOVERNMENT ACTIONS	Noise Regulations (airport/aircraft related)	Land Use Control (noise related)				buildings in airport vicinity please indicate below:	(g.) Schools	b) Hospitals, nursing homes or similar facilities	C) Houses or apartment buildings	d) Office buildings	6) Other	Soundproofing Programs				For any of these, if covernment financial assistance is

Continued on next page

If financial aid is provided please indicate which type below:

8) Federal assistance b) State assistance

FAA Form 1050-5 (9-77)

Airport Actions for Environmental Protection

0.

b) State

Land acquisition

LOCAL AIRPORT USE RESTRICTIONS PART 4

Aircraft Type or Weight Restrictions

- All jet
- Large air carrier type jet (75,000 lbs or over)
- Business jet of any type
- Multi-engine (piston, large)
- Single-engine (piston, 1000 lbs or over)
- CAB certificated air carrier
- 12,500 lbs gross weight (or over)
- 30,000 lbs gross weight (or over)
- Helicopter
- Other aircraft dissimilar to any of the above
- Curfew (1f applicable, please specify which period most closely matches) ø.
- 2200 0600
- 2200 0700

2200 - 0800

2300 - 0600

2300 - 0700

- 2300 0800
- 2400 0600
- 2400 0700

2400 - 0800

Other period(s) dissimilar to any of the above

Please indicate below the type of aircraft affected by the curfews:

- 2. Aircraft Affected
- Jet aircraft only
- All streraft
- Other

Non-FAR 36 Restrictions ċ.

- Exceptions (if applicable, please specify below)
- (a) Cessna citation
- (b) Other certain specified aircraft with "low" noise level

Ground Operation Restrictions ö

- 1. Location of engine runup maintenance
- Time of engine runup maintenance
- Preferential taxivays
- Taxiing thrust restriction
- Towing requirement
- Other restrictions dissimilar to any of the above
- Total Number of Operations Limitations for Noise Abatement Purposes ü
- Year limits
- Month limits
 - Day limits
- Hour limits

PART 5 FLICHT OPERATIONS - NOISE ABATEMENT PROCEDURES

- . Reduced Thrust Approach
- 1. Steeper angle glide slope
- Reduced flaps
- . Minimum flaps
- Decelerating Profile descent program
- . Other
- Glide Slope Intercept Altitude
- Preferential Operations
- Runways
- Approach tracks
- Departure tracks
- D. Rotational Rumay System
- E. Maximum (safe) Climb on Takeoff
- F. Takeoff Thrust Reduction
- G. Reverse Thrust Reduction
- H. Displaced Thresholds (noise related)
- 1. For takeoffs
- 2. For landings
- 1. Flight Training Restrictions
- 1. Touch and go operations
- Time period restriction
- 3. Day(s) of week restriction Other Procedures or Restrictions Dissimilar to Any of the Above

÷

AT 6 SPECIAL HOISE SENSITIVE AREAS HEAR AIRPORT

- Schools
- Hospitals, Nursing Homes or Similar Facilities
- Residential Areas
- Historic Sites, National Park or Forest
- Religious Structures or Sites
- F. Concert Hall(s) or Public Gathering Place(s)
- Recreation Facilities
- . Hotels, Motels, Resorts
- I. Other Areas Dissimilar to Any of the Above

PART ? NUMBER OF NOISE COMPLAINTS RECEIVED ANNUALLY (Approx.)

- Less than 5
- . 5 10
- 10 25
- 0. 25 50
- E. 50 100
- F. 100 200
 - G. Over 200

PART 8 IS AIRPORT LOCATED IN AN AIR QUALITY HAINTENANCE AREA?

- .
- 2

APPENDIX B

DECODE LISTING OF USE CODE

from

FORM 1050-5

DECODE LISTING

```
AUSERESC 1A
AUSERESC 1B
AUSERESC 1C
AUSERESC 1D
                           STATE NOISE CONTROL STATUTE (AIRCRAFT RELATED)
                           STATE AIRPORT LAND USE CONTROL STATUTES
STATE AIRPORT EMISSIONS CONTROL STATUTES
OTHER STATE ENVIRONMENTAL PROTECTION STATUTES (AVIATION RELA
 +TED)
                           LOCAL GOVERNMENT ACTIONS
AUSERESC 2
AUSERESC
AUSERESC
AUSERESC
                           LOCAL AIRCRAFT NOISE CONTROL REGULATIONS LOCAL NOISE RELATED LAND USE CONTROL
            2B1
                           LOCAL ZONING ORDINANCES (AIRPORT RELATED)
AUSERESC 2B2
AUSERESC 2B2A
                           LOCAL NOISE RELATED BUILDING CODES
LOCAL BUILDING CODE REQUIRING SOUNDPROOFING OF SCHOOLS IN AI
 +RPORT VICINITY
AUSERES CE 2B2B
                           LOCAL BUILDING CODE REQUIRING SOUNDPROOFING OF HEALTH FACILI
+TIES IN AIRPORT VICINITY
AUSERES Q 282C
                           LOCAL BUILDING CODE REQUIRING SOUNDPROOFING OF HOUSES OR APA
+RTMENT BUILDINGS IN AIRPORT VICINITY
AUSERESC#282D LOCAL BUILDING CO
                           LOCAL BUILDING CODE REQUIRING SOUNDPROOFING OF OFFICE BUILDI
 +NGS IN AIRPORT VICINITY
AUSERES C 2B2E
                           LOCAL BUILDING CODE REQUIRING SOUNDPROOPING OF OTHER BUILDIN
+G TYPES IN AIRPORT VICINITY
+G TYPES IN AI
AUSERESC 2C
AUSERESC 2C1
AUSERESC 2C1A
AUSERESC 2C1B
AUSERESC 2C2
AUSERESC 2C2
                           LOCAL SOUNDPROOFING PROGRAMS
                           SOUNDPROOFING PROGRAM BY SCHOOLS
                           PEDERALLY ASSISTED SOUNDPROOPING PROGRAMS BY SCHOOLS
                           STATE ASSISTED SOUNDPROOFING PROGRAMS BY SCHOOLS SOUNDPROOFING PROGRAM BY HEALTH FACILITIES
                           PEDERALLY ASSISTED SOUNDPROOFING PROGRAMS BY HEALTH FACILITI
+ES
AUSERESC#2C2B
                           STATE ASSISTED SOUNDPROOFING PROGRAMS BY HOSPITALS /NURSING
+HOMES OR SIMILAR FACILITIES
AUSERESCO2C3 SOUNDPROC
AUSERESCO2C3A FEDERALLY
                           SOUNDPROOFING PROGRAM BY HOUSES OR APARTMENT BUILDINGS
                           FEDERALLY ASSISTED SOUNDPROOFING PROGRAMS BY HOUSES OR APAR
+TMENT BUILDINGS IN AIRPORT VICINITY
                           STATE ASSISTED SOUNDPROOFING PROGRAMS BY HOUSES OR APARTMEN
AUSERESC#2C3B
+T BUILDINGS IN AIRPORT VICINITY
                           SOUNDPROOFING PROGRAM BY OFFICE BUILDINGS
AUSERESC 2C4
AUSERESC 2C4A
                           FEDERALLY ASSISTED SOUNDPROOFING PROGRAMS BY OFFICE BUILDIN
+GS IN AIRPORT VICINITY
AUSERESC#2C48 STA
                          STATE ASSISTED SOUNDPROOPING PROGRAMS BY OFFICE BUILDINGS I
 N AIRPORT VICINITY
AUSERESC 2C5A
                           SOUNDPROOPING PROGRAMS BY OTHER BUILDING TYPES
                           FEDERALLY ASSISTED SOUNDPROOFING PROGRAMS BY OTHER BUILDING
 + TYPES IN AIRPORT VICINITY
AUSERESC 2CSB
                           STATE ASSISTED SOUNDPROOFING PROGRAMS BY OTHER BUILDING TYP
ES IN AIRPORT VICINITY
AUSERESC 2D
AUSERESC 2D0
AUSERESC 2D0A
                           AIRPORT ACTIONS FOR ENVIRONMENTAL PROTECTION
AIRPORT LAND ACQUISITION FOR LAND USE COMPATIBILITY
                           FEDERALLY ASSISTED AIRPORT LAND ACQUISITION FOR LAND USE COM
 PATIBILITY
AUSERESC# 2008
                           STATE ASSISTED AIRPORT LAND ACQUISITION FOR LAND USE COMPATI
 +BILITY
+BILITY
AUSERESC 2D1
AUSERESC 2D1
AUSERESC 2D1
AUSERESC 2D2
AUSERESC 2D3
AUSERESC 2D4
AUSERESC 2D5
AUSERESC 2D6
AUSERESC 2D7
AUSERESC 2D7
                           EASEMENTS ON PROPERTY SURROUTIDING AIRPORT FOR NOISE PURPOSES
                           FEDERALLY ASSISTED EASEMENTS FOR NOISE PURPOSES
                           STATE ASSISTED EASEMENTS FOR NOISE PURPOSES
                           AIRPORT NOISE TAX OR PEE
                           PEAK PRICING
                           UTILITY EXPENDITURES/LIMITATIONS
                           AIRPORT EQUIPPED WITH NOISE SUPPRESSING EQUIPMENT NOISE RELATED PHYSICAL BARRIERS AND/OR LANDSCAPING
                           NOISE RELATED NEW OR EXTENDED RUMMAYS
AUSERESC 2D8
AUSERESC 2D9
AUSERESC 3
AUSERESC 3A
AUSERESC 3B
                           AIRPORT EQUIPPED WITH NOISE MONITORING SYSTEM
                           AIRPORT EQUIPPED WITH AIR POLLUTION MONITORING SYSTEM NOISE CONTROL ACTIVITIES CONTINUING NOISE COMPITTEE AT LOCAL LEVEL AIRPORT NOISE CONTROL AND LAND USE COMPATIBILITY PLAN COMPLE
```

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AUSERESC 381
AUSERESC 382
AUSERESC 33C
                                                                                AIRPORT NOISE CONTROL PLAN COMPLETED
                                                                                AIRPORT LAND USE COMPATIBILITY PLAN COMPLETED AIRPORT NOISE CONTROL AND LAND USE COMPATIBILITY PLAN PROPOS
 +ED OR UNDERWAY
AUSERESCHID
                                                                                INTEREST IN PARTICIPATING IN A NOISE CONTROL AND LAND USE CO
 +MPATIBILITY PLAN
                                                                                HAVE REJECTED AN OPPORTUNITY TO PARTICIPATE IN A NOISE CONTR
 AUSERESCESE
 OL AND LAND USE COMPATIBILITY PLAN
AUSERESC 4
AUSERESC 4
AUSERESC 4A
AUSERESC 4AO
AUSERESC 4AO
                                                                                OTHER NOISE CONTROL ACTIVITIES
                                                                                AIRPORT USE RESTRICTIONS
AIRPORT USE RESTRICTIONS BASED ON AIRCRAFT TYPE OR WEIGHT
RESTRICTION ON ALL JETS
                                                                                 RESTRICTION ON LARGE AIR CARRIER TYPE JETS (75000 LBS OR OVE
AUSERESC 4A3
AUSERESC 4A3
                                                                                 RESTRICTION ON BUSINESS JETS OF ANY TYPE
RESTRICTION ON MULTI-ENGINE AIRCRAFT (PISTON LARGE)
RESTRICTION ON SINGLE ENGINE AIRCRAFT (PISTON: 1000 HP OR OV
 AUSERESC 4A5
AUSERESC 4A6
AUSERESC 4A7
                                                                                  RESTRICTION ON CAB CERTIFICATED AIR CARRIERS
                                                                                 RESTRICTION ON 12500 LBS GROSS WEIGHT OR OVER
RESTRICTION ON 30000 LBS GROSS WEIGHT OR OVER
RESTRICTION ON HELICOPTERS
AUSERESC 4A7
AUSERESC 4A8
AUSERESC 4B1
AUSERESC 4B1A
AUSERESC 4B1A
AUSERESC 4B1C
AUSERESC 4B1C
AUSERESC 4B1C
AUSERESC 4B1C
AUSERESC 4B1C
AUSERESC 4B1C
                                                                                  RESTRICTION ON OTHER AIRCRAFT TYPES
                                                                                 CURFEW AT AIRPORT
                                                                                  TIME OF CURFEW
                                                                                TIME OF CURFEW
CURFEW FROM 2200 TO 0600
CURFEW FROM 2200 TO 0700
CURFEW FROM 2200 TO 0800
CURFEW FROM 2300 TO 0600
CURFEW FROM 2300 TO 0700
CURFEW FROM 2300 TO 0800
CURFEW FROM 2400 TO 0700
CURFEW FROM 2400 TO 0700
CURFEW FROM 2400 TO 0700
AUSERESC 4B1F
AUSERESC 4B1G
AUSERESC 4B1H
AUSERESC 4B11
AUSERESC 4B1J
                                                                                CURFEW FROM 2400 TO 0800
CURFEW APPLYING TO OTHER TIME PERIOD
AUSERESC 482
AUSERESC 482A
AUSERESC 4828
AUSERESC 482C
AUSERESC 4C1
AUSERESC 4C1
                                                                                 AIRCRAFT AFFECTED BY CURFEM
JET AIRCRAFT ONLY AFFECTED BY CURFEM
ALL AIRCRAFT AFFECTED BY CURFEM
                                                                                OTHER AIRCRAFT AFFECTED BY CURFEW
NON FAR 36 RESTRICTIONS
EXCEPTIONS TO NON FAR 36 RESTRICTIONS
CESSNA CITATION EXCEPTED FROM FAR 36 RESTRICTIONS
OTHER SPECIFIED AIRCRAFT WITH LOW NOISE LEVELS EXCEPTED FROM
AUSERESCHOCIA
AUSERESCHOCIB
AUSERESCEACES
+FAR 36 RESTRICTIONS
AUSERESCEAD1
AUSERESCEAD1
AUSERESCEAD3
AUSERESCEAD3
AUSERESCEAD3
AUSERESCEAD5
AUSERESCEAD6
AUSERESCE
                                                                                GROUND OPERATION RESTRICTIONS
                                                                                 RESTRICTION ON LOCATION OF ENGINE RUNUP MAINTENANCE
RESTRICTION ON TIME OF ENGINE RUNUP MAINTENANCE
PREFERENTIAL TAXIMAYS USED
                                                                                 TAXIING THRUST RESTRICTION AIRCRAFT TOWING REQUIREMENT
                                                                                  OTHER GROUND OPERATION RESTRICTIONS
                                                                                 TOTAL NUMBER OF OPERATIONS LIMITATIONS FOR NOISE ABATEMENT
    PURPOSES
AUSERESCH E1
AUSERESCH E2
AUSERESCH E3
AUSERESCH E6
                                                                                 YEARLY OPERATIONS LIMITATIONS
                                                                                 MONTHLY OPERATIONS LIMITATIONS
                                                                               MONTILLY OPERATIONS LIMITATIONS
DAILY OPERATIONS LIMITATIONS
HOURLY OPERATIONS LIMITATIONS
FLIGHT OPERATIONS / NOISE ABATEMENT PROCEDURES
NOISE ABATEMENT PROCEDURE: REDUCET THRUST APPPOACH
NOISE ABATEMENT PROCEDURE: STELPER ANGLE GLIDE SLOPE
NOISE ABATEMENT PROCEDURE: MINIMUM FLAPS
NOISE ABATEMENT PROCEDURE: MINIMUM FLAPS
NOISE ABATEMENT PROCEDURE: PROFILE DECENT PROGRAM
OTHER HOISE ABATEMENT PROCEDURES
GLIDE SLOPE INTERCEPT ALTITUDE FOR NOISE ABATEMENT PURPOSES
PREFERENTIAL OPERATIONS FOR NOISE ABATEMENT PURPOSES
PREFERENTIAL RUNMAY USEAGE FOR NOISE ABATEMENT PURPOSES
                                  5
5A
5A1
5A2
5A3
  AUSERESC
                                  5A4
5A5
5A6
                                   SB
SC
                                                                                PREFERENTIAL COPERATIONS FOR NOISE ABATEMENT PURPOSES
PREFERENTIAL RUMMAY USEAGE FOR NOISE ABATEMENT PURPOSES
PREFERENTIAL APPROACH TRACKS FOR NOISE ABATEMENT PURPOSES
PREFERENTIAL DEPARTURE TRACKS FOR NOISE ABATEMENT PURPOSES
ROTATIONAL RUMMAY SYSTEM USED FOR NOISE ABATEMENT PURPOSES
MAXIMUM CLIMB ON TAKEOFF USED FOR NOISE ABATEMENT PURPOSES
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APPENDIX C

o LISTINGS OF CODED DATA BY REGION AND LOCID (FAA130. EDB. AUG78. DATA)

Listing of Coded Data by Region and LOCID

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